Appl. No. 09/940,517 Amendment filed February 4, 2005 Reply to Office Action of October 4, 2004

Amendments to the Specification

Page 31, second full paragraph, lines 11-25, please amend the paragraph, as follows:

A magnetic head assembly was produced wherein the magnetoresistive head produced in accordance with Embodiment 1 was combined with a recording head. FIG. 15 is a perspective depicting a vertical section of the assembly of separate read/write heads. This head was formed on substrate 126 and the read head structure is the same as set forth in Embodiment 1. A multilayered spin valve film 121, magnetic domain control layer 128, and electrode 127 were formed on under gap layer/under shield layer 122. An upper gap layer/upper shield layer 121 also was formed on the layer. The read head structure is the same as set forth in Embodiment 1. A lower magnetic pole 123 of the recording head is the upper shield of the read head; that is, the shield also serves as the lower electrode. Coils 124 and an upper magnetic pole 125 of the write head are made of Cu and 46wt% Ni-Fe films produced by electroplating, respectively. Magnetic gap layers and a protective film layer of the recording head are made of A1203 films. The track width of the write head is 0.4 μm and that of the read head is $0.3 \mu m$.